

874 departments: structural engineering, electro-technology, woodworking, chemistry, industrial mining, surveying, architecture, and general science.

875 The training of primary school teachers takes place in special schools, called seminaries, which are based either on a completed primary school or a completed middle school education; in addition there are two-year teachers' colleges on the university level. In order to obtain a permanent position in a State secondary school, the applicant must have a Master's degree in the subjects taught and two semesters' training in one of the normal lyceums. Private secondary schools, in order to obtain State support, must have a certain percentage of fully qualified teachers on their staffs.

The importance of vocational schools has

873 a higher education tends to be too great for the

875 country's needs. In certain fields, however,

there exists a chronic lack of competent trained people. This is especially true of teachers both in primary and secondary schools, as the salaries are not considered adequate to support a family or to compensate for the years spent in preparation.

815 Lack of capital has hampered the founding of research institutes which would employ talented scientists for work in their special fields. The most prominent among the institutes existing is the Vihuri Foundation for medical research. An important event was the establishment of the Academy of Finland in 1947, an institution maintained by the State to promote creative work in the arts and sciences. There are 12 chairs in the Academy: 4 for representatives